

Abstract of the Disclosure

A method and system for the resource allocation for an interactive session on a grid computing system. When a user-request for an interactive session is received, the particular applications needed to be launched in the interactive session are identified, as are resource requirements for the interactive session including processor, network bandwidth, executables and files requirements. A contract is then generated for the interactive session specifying resource allocations and authorizations, and resources for the interactive session are allocated in accordance with the contract. The system includes a distributed resource management node, a contract generation engine, and a contract repository.